Annual Report on the Working of the Assam Mental Hospital, Tezpur, for the year 1940

BY

LIEUT.-COLONEL A. M. V. HESTERLOW, M.B., Ch. B. (Edin.), B. Sc., P.H., (Edin.), D.T.M. & H. (Edin.), I.M.S.,

INSPECTOR-GENERAL OF CIVIL HOSPITALS, ASSAM

SHILLONG

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TABLE OF CONTENTS

No. 6954.

FROM

LIEUT.-COLONEL A. M. V. HESTERLOW, M. B., Ch. B. (Edin.), B. Sc., P. H. (Edin.), D.T.M. & H. (Edin.), I.M.S.,
INSPECTOR-GENERAL OF CIVIL HOSPITALS, ASSAM,

To

THE SECRETARY TO THE GOVERNMENT OF ASSAM
IN THE EDUCATION AND LOCAL SELF-GOVERNMENT DEPARTMENTS.

Dated Shillong, the 11th June 1941.

SIR,

I HAVE the honour to submit my Annual Report on the Working of the Assam Mental Hospital, Tezpur, for the year 1940.

Introductory.—Dr. Hem Chandra Barua, M.B., A.M.S. (Senior), held charge of the Provincial Mental Hospital at Tezpur from the beginning of the year till the forenoon of 8th September 1940 and Khan Sahib Dr. Mokhtar Hussain, A.M.S. (Senior), from the forenoon of 8th September 1940 till the end of the year.

STAFF AND ESTABLISHMENT

The general staff remained the same as in the previous year.

Deputy Superintendent.—Khan Sahib Dr. Mokhtar Hussain, the Deputy Superintendent, was promoted to the grade of Assistant Surgeon, on the 16th July 1940, and on the forenoon of the 6th October 1940 he assumed charge as Superintendent of the Hospital.

Statement No. 1.—The number of inmates remaining at the end of the year 1939 was 682 of whom 565 were males and 117 females. During the year under report 99 (84 males and 15 females) were admitted, including 6 re-admissions (4 males and 2 females). The total number of patients treated during the year was, therefore, 781 (649 males and 132 females) as against 784 (644 males and 140 females) in 1939. Of this number, 43 were discharged "Cured", 10 discharged "Improved", 2 discharged "Not improved", 1 discharged "Otherwise", 38 died and 687 remained at the end of the year. Of the 43 discharged cured, 31 were non-criminal and 12 criminal mental patients.

The following analysis of the 31 non-criminal cases shows the importance of early treatment :—

Discharged cured within		6 months	... ...	6
Ditto	ditto	1 year	... ...	10
Ditto	ditto	2 years	... ...	12
Ditto	ditto	3 years	... ...	1
Ditto	ditto	4 years	... ...	2
			Total ...	31

Of these 31, 1 was under 20 years of age, 27 between 20 to 40 years of age and 3 between 40 to 60 years of age.

Analysis of the mental condition of 687 patients at the end of the year shows that there were 14 criminal mental patients declared sane but not discharged owing to legal disabilities (undergoing probation). There were also 25 criminal mental patients and 35 non-criminals declared to be improving, and likely to be discharged in due course. There were 613 patients who are classed as chronic—not likely to improve.

Ten harmless cases were discharged under section 33 of Indian Lunacy Act, IV of 1912. These together with 2 out of the 17 remaining from the previous year were taken charge of by their relatives.

The percentage of recoveries calculated on the daily average strength was 6·18 against 6·90 in 1939.

Re-admissions.—There were 6 re-admissions against 10 in the previous year.

The interval between discharge and re-admission varied from ten months and fifteen days to eight years, nine months and seven days.

Escape.—There was no escape during the year against 2 in 1939.

Daily average strength.—The daily average strength was 694·70 against 694·92 in 1939.

Statement No. II.—The statement deals with observation cases for alleged lunacy.

There were 4 remaining from 1939, 36 were admitted and 6 re-admitted during the year. Of these 46, 28 were certified and admitted during the year, 2 certified and released under section 14 of Act, IV of 1912, 11 released as uncertifiable and 5 remained at the end of the year.

Statement No. III.—This statement deals with criminal mental patients.

On 31st December 1939 there were 269 criminal mental patients, 26 were admitted and 1 re-admitted during the year.

Of these 296, 22 were discharged and 12 died leaving 262 on 31st December 1940.

The daily average strength was 266·24 against 260·48 in 1939.

The statement below shows the class of criminal mental patients :—

Rule 898 of Assam Jail Manual, Volume I	Remained on 31-12-39	Admitted and re-admitted during 1940	Total admitted during 1940	Discharged	Died	Remaining on 31-12-40
1	2	3	4	5	6	7
	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.
Paragraph 3, Under-trial.	121 13 134	15 .. 15	136 13 149	12 1 13	6 1 7	118 11 129
Paragraph 4, Acquitted.	71 9 80	7 2 9	78 11 89	4 1 5	2 .. 2	72 10 82
Paragraph 5, Insane convicts.	53 2 55	3 .. 3	56 2 58	4 .. 4	3 .. 3	49 2 51
Total ..	245 24 269	25 2 27	270 26 296	20 2 22	11 1 12	239 23 262

Applications were made to withdraw the charges for petty offences in 8 cases under Government Circular No.2-G.J., dated 4th July 1931—General and Judicial Departments, Judicial Branch. In 7 cases the charges were withdrawn and the patients were transferred to the category of non-criminal patients.

Statement No. IV—Religion, Sex and Residence.—Out of a total of 93 new admissions, classified by religion, 68 were Hindus, 18 Muslims, 2 Indian Christians and 5 of other castes. Of these, 59 were natives of the Province and 34 natives of other provinces of whom 4 were non-domiciled. Of the latter, one was discharged on security furnished by his father and the cases of the remaining three were under consideration.

Statement No. V—Age.—As usual the majority of the cases on admission were found to be between 20 to 40 years of age.

Statement No. VI.—The types of insanity among admissions and re-admissions were as follows :—

Manic Depressive Insanity	26
Mania	19
Melancholia	6
Schizophrenia including Dementia Præcox	43
Epilepsy and Epileptic Insanity	2
Toxic Psychosis—Cannabis Indica Psychosis	3
Total ...	99

Statement No. VII—Ætiological Factors.—Predisposing causes were known in 20 cases and exciting causes in 22. Both predisposing and exciting causes were known in 20 cases.

VITAL

Sickness and Mortality.—The number of admissions to the infirmaries was 400 against 467 in 1939 with a daily average sick rate of 58·54 against 67·13 in 1939.

This excludes cases of Epilepsy, the daily average of which was 37·96 against 37·62 in 1939.

The following comparative statement shows the admissions for the more prevalent diseases during the past 3 years :—

Diseases	1940	1939	1938
1	2	3	4
Tuberculosis	8	13	6
Dysentery	136	86	132
Malaria	118	173	72
Diseases of digestive system	21	28	23
Influenza	32	33	53
All other diseases	85	134	79
Total	400	467	365

The statement below shows the percentage of inmates admitted in good, indifferent and bad health during the past 3 years :—

Year	Good health	Bad health	Indifferent health
1	2	3	4
1940	31·31	46·47	22·22
1939	31·59	46·31	22·10
1938	38·68	24·53	36·79

MORTALITY

There were 38 deaths during the year under review against 38 in 1939.

The chief causes of deaths were Dysentery and Tuberculosis which together accounted for 31 out of a total of 38 deaths.

Dysentery.—This accounted for 24 deaths out of 136 attacks against 17 deaths out of 86 attacks in 1939 and 32 deaths out of 132 attacks in 1938, *i.e.*, there was a case mortality of 17 per cent.—1940, 19 per cent.—1939, 24 per cent.—1938. This shows a considerable improvement in the general health conditions over this period.

Attacks of Dysentery combined with dirty habits of the patients render the patients very susceptible to other infections. The water-supply of the Hospital is inadequate.

Tuberculosis.—Out of 7 cases who died of Tuberculosis, 1 died after 4 months and nine days of admission to the Mental Hospital and 1 died after 8 months and 8 days.

As reported in the previous annual reports the arrangements for disinfecting clothing and bedding of patients by a blanket boiler is a laborious method and not at all satisfactory. For thorough disinfection of clothing and bedding of such a large number of patients, a steam Sterilizer is essential. When a steam disinfector for effective disinfection of all clothing and bedding is provided there is no doubt that the case-incidence and mortality from Tuberculosis and Dysentery will go down to an appreciable extent.

The morbidity and mortality Figures of last 3 years are as follows :—

	1940	1939	1938
Daily average strength	694·70	694·92	688·46
Daily average sick	58·54	67·13	61·94
Percentage to daily average strength died	5·47	5·47	7·70

The statement below shows the number of deaths from different causes during the last 3 years :—

Diseases	1940	1939	1938
Dysentery	24	17	32
Enteric fever	1	2	3
Malarial fever	...	1	...
Influenza	2	...	1
Pneumonia	1	1	3
Tuberculosis of Lungs and other Tubercular diseases ...	7	9	6
All other diseases of Respiratory System	...	...	1
Anæmia	...	1	2
Disease of Nervous system—			
(*a*) Disease of nerve brain, etc.	...	2	1
(*b*) Diseases of which Pathological basis is unknown.	1	4	...
(*c*) Mental Disease	...	1	...
All other diseases of liver	1	...	1
Liver abscess	...	...	...
Injurie	...	...	...
Disease of Circulatory System	1	...	...
Senility	...	...	1
All other diseases of digestive system	...	...	2
Total	38	38	53

INJURIES AND ACCIDENTS

There were no assaults or injuries worthy of note during the year under report.

FINANCE

Statement No. VIII, Paragraph 1.—Excluding the receipts from paying patients and miscellaneous receipts which were credited to the Government, the total expenditure for the upkeep of the Mental Hospital amounted to Rs.1,53,280-12-6 against Rs.1,25,483-7-0. The average cost per head was Rs.219-12-7 against Rs.179-15-6 in 1939. The increase in expenditure was due to increase in Public Works Department charges, expenditure on account of diet of patients, establishment proper and clothing and bedding.

Paragraph 2.—The total cost of the upkeep of the Mental Hospital for the year 1940 excluding Rs.17,695-0-0 for Public Works Department "Original Works" amounted to Rs.1,35,585-12-6 against Rs.1,23,796-7-0 or an average cost per head, of Rs.194-6-8 against Rs.177-8-10 in 1939.

Paragraph 3.—Excluding Public Works Department charges, Repairs and maintenance, Rates and Taxes, receipts from paying patients and profits on manufactures, the average cost per inmate worked out to Rs.170-0-6 against Rs.157-10-8 in 1939.

Paragraph 4.—The profits in the Manufacturing Department were Rs.5,656-1-6 against Rs.6,356-11-6 or an average of Rs.85-4-4 per head of inmates employed on manufacture against Rs.95-1-11 in 1939. The decrease in profit was due to higher price of raw materials.

The daily average number employed was 66·33 against 66·82 in 1939.

Paragraph 5.—The principal item of expenditure was the cost of "Diet" which amounted to Rs.53,588-0-9 against Rs.49,152-0-6 in 1939. Average cost per head was Rs.76-13-5 against Rs.70-7-11 in 1939. The increase in expenditure was due to a rise in the price of dietary articles.

The daily average number of patients, including observation cases during the year was 697·40 against 697·27 in 1939.

MISCELLANEOUS

Employment of patients.—The patients are employed in the cultivation of vegetables, sugarcane, jute, manufacture of *gur*, fencing of garden, bamboo work, carpentry, masonry, tailoring, dairy work, daily routine of cleaning and disinfecting of clothing and cooking of food and similar occupations.

The females are employed on paddy-husking, preparation of spices, mending clothes and other household work.

Weaving is carried on by both male and female patients. The Hospital is self-supporting to some extent, in the matter of cotton clothing.

Treatment—Mental.—Maniacal outbursts are treated by baths with encouraging results—satisfactory relaxation and sound sleep are obtained.

Insomnia.—A wide range of drugs is used—but mainly Paraldehyde—supplemented by physical exercise.

Occupational therapy continues to occupy an important place in the treatment of the Hospital. It keeps the patients in good physical health, ensures sleep and helps in remission of mental symptoms.

Epilepsy—is treated with adequate doses of Bromide reinforced where necessary with Luminal; Mercury Iodide was tried in selected cases with good results.

Diet.—This is liberal and nutritious with adequate vitamin content. Steps are taken in every case to ensure that each patient eats the full quantity of food supplied to him. This has maintained a fairly normal average weight.

Those who lose weight and cases of Anorexia are specially treated.

The treatment of physical condition is up-to-date.

Whenever necessary specimens are freely sent for laboratory examinations to the Pasteur Institute, Shillong. During the year under review the following specimens were sent for examination.

Blood Serum for Wassermann Test	126
Blood Serum for Widal Test	11
Blood in ox-bile media for cultural examination for Enteric group ...	7

Routine clinical laboratory work is carried out here satisfactorily. The following specimens were examined here :—

Blood	243
Sputum	174
Stool	524
Urine	122
Pus	8
Smears from lungs after autopsy	2

Garden.—The Hospital garden continues to do well, yielding some profit and provides an useful addition to the dietary.

Accommodation.—The Hospital accommodation was the same as in the previous year, namely for 690 patients. Overcrowding continued throughout the year, this was unavoidable owing to the special and urgent demand for admissions from the various jails of the province. The maximum number confined on any one night during the year was 705. A ward for 26 male patients was completed and made over to the Department. It will soon be brought into use and a total accommodation for 716 inmates, will then be available. As forty-one mental patients from different jails of the Province are awaiting admission, the additional accommodation provided in this ward is not sufficient to absorb the total number of insanes awaiting transfer. It is, therefore, necessary that another block for males should be constructed. There is ample space for this in the hospital premises. There is also a need for separate accommodation for lepers.

Conservancy.—Night-soil is trenched in a selected site on the garden land and infected stools are incinerated outside the enclosure.

Dairy.—Live-stock supplied by the Upper Shillong Farm is as follows :—

—	Cows	Cow-calf	Bull-calf	Heifer	Bull	Remarks
Remained on 31st December 1939.	6	6	7	..	1	(*a*) 3 cow-calves and 2 bull-calves were born in the Mental Hospital Dairy during 1940.
Born or received during the year.	..	3(*a*)	2(*a*)	..	1(*b*)	(*b*) 1 bull No.43 was received from Khanapara Government Cattle Farm.
Total	6	9	9	..	2	
Died	..	2	1	..	..	
Destroyed	..	..	1	..	..	
Sold	..	..	1(*c*)	..	..	(*c*) One bull-calf was sold to public at Rs.10.
Transferred	..	2	..	..	1	
Remaining on 31st December 1940.	6	5	6	..	1	

Poultry.—Fresh eggs, when available, were issued for the patients.

Cleanliness.—Great care was taken in the difficult matter of personal cleanliness of the inmates.

Clothing.—Good and sufficient.

Discipline.—Good.

Amusement and Recreation.—Mental patients were kept amused with music, band and games. Literate inmates were provided with books and newspapers.

Inspection.—Visitors to the Hospital during the year were the Hon'ble Prime Minister of Assam, the Hon'ble Minister, Medical and Public Health, the Commissioner of Divisions, Assam, and the Inspector-General of Civil Hospitals, Assam.

Meetings of the Board of Visitors.—The Board of Visitors held 12 meetings during the year and individual members of the Board paid 6 additional visits.

The Female Section of the Hospital was visited once by the Lady visitor Sreejukta Hirabati Gohain Barooahni.

GENERAL REMARKS

1. The whole hospital population was regularly treated with Vermifuges and Vermicides for hook-worm and other intestinal parasites.

2. Skin diseases and cases of Pyorrhœa Alveolaris were regularly attended to.

3. New admissions were vaccinated against small-pox and inoculated with Cholera vaccine as a prophylactic measure.

4. Blood specimens (Serum) of all admissions were sent to the Pasteur Institute, Shillong, for Wassermann Test—positive cases were given anti-syphilitic treatment.

5. Mental patients are given as much freedom as is compatible with safety. The staff of Keepers and Guards have been taught the ideal of treating the inmates as sick persons and that their attitude towards them should be that of a nurse.

The former Superintendent recommended in his report of 1939 under General Remarks—"Gradation of Patients"—the construction of a convalescent Home for those patients who are on way to recovery. The present Superintendent endorses and repeats the recommendations.

The suggestion deserves very sympathetic consideration as such patients during the process of recovery are adversely affected by association with chronic cases requiring asylum, and their chances of complete recovery may be permanently prejudiced by such contact.

Water-supply.—Though the sinking of a 2½" diameter tube-well during 1939 eased the water situation to some extent the supply is still very inadequate for a population of over 1,000 including staff. The total available water per day is about 6,500 gallons. It is clear from the previous reports and representations of the Superintendent that even with the new tube-well to supplement the water-supply from the Municipal mains, the dearth of an adequate supply of water is still very great. In a hospital of this nature there should be a daily *per capita* supply of good water of not less than 2,530 gallons instead of the present inadequate supply.

Steam disinfector.—About 5,600 articles of clothing have to be dealt with such as blankets, blanket-kurtas, cotton-kurtas and cotton-jungiahs weekly, and infected and soiled clothing daily in an old crude blanket boiler. Such a large quantity of clothing cannot be effectively and regularly dealt with in such boilers. The necessity of a proper disinfector of the high pressure steam variety has been placed before the Government. This is under consideration of the Government and is an urgent need which with the water-supply should be met as early as possible.

Colonel Phipson, C.I.E., D.S.O., M.D., F.R.C.P., D.P.H., I.M.S., the former Inspector-General of Civil Hospitals inspected the Hospital and recorded his satisfaction with the general atmosphere and conduct of the Hospital. He considered that this reflected much credit on the Superintendent Khan Sahib Dr. Mokhtar Hussain. The staff worked hard and satisfactorily under difficult conditions, and the Civil Surgeon Colonel E. R. Daboo, M.C., I.M.S., rendered valuable help as consultant and adviser.

Your obedient servant,
A. M. V. HESTERLOW,
Lt.-Colonel, I.M.S.,
Inspector-General of Civil Hospitals, Assam.

Statements

STATEMENT

Showing the Admissions, Discharges, etc., of Mental patients in the Mental

1	2			3			4			5			6															7		
													Discharged																	
													A			B						C			D					
																Transferred to friends														
Name of Mental Hospital	Remaining from previous year			Admitted			Re-admitted			Total population			Cured			Improved			Not improved			Otherwise			Total			Died		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Mental Hospital, Tezpur 1940 ..	565	117	682	80	13	93	4	2	6	649	132	781	38	5	43	10	..	10	2	..	2	1	..	1	51	5	56	31	7	38
1939 ..	568	121	689	70	15	85	6	4	10	644	140	784	42	6	48	11	3	14	..	1	1	..	1	1	53	11	64	26	12	38
1938 ..	574	122	696	77	18	95	11	..	11	662	140	802	49	4	53	2	1	3	4	..	4	..	..	..	55	5	60	39	14	53

N. B.—Observation cases are
The capacity of the Tezpur Mental Hospital is at 50 superficial
The maximum number of mental patients confined on any one night was 586 males, 119

STATEMENT

Statement showing the cases admitted for observation in the Provincial Mental Hospital

Name of the Mental Hospital	Year	Remained on the 1st January 1940	Admitted	Re-admitted
1	2	3	4	5
Mental Hospital, Tezpur ...	1940	4	36	6
	1939	3	32	2
	1938	4	34	2

STATEMENT

Return of Criminal Lunatics in the

1	2			3			4		
Name of Mental Hospital	Remaining from previous year			Admitted			Re-admitted		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Mental Hospital, Tezpur 1940 ..	245	24	269	24	2	26	1	..	1
1939 ..	231	22	253	29	5	34	2	..	2
1938 ..	226	23	249	26	2	28	4	..	4

The figures in the statement

No. I

Hospital at Tezpur during the year 1940

8 Remaining on 31st December 1940 M.	8 F.	8 T.	9 Daily average strength M.	9 F.	9 T.	10 Daily average sick M.	10 F.	10 T.	11 Percentage to— Daily average strength A Cured M.	F.	T.	B Died M.	F.	T.	Admissions C Cured M.	F.	T.	D Died M.	F.	T.	12 Results of mental patients admitted (*vide* columns 3 and 4) A Cured M.	F.	T.	B Died M.	F.	T
567	120	687	576·11	118·59	694·70	50·09	8·45	58·54	6·59	4·21	6·18	5·38	5·90	5·47	11·25	..	9·68	6·25	7·69	6·45	9	..	9	5	1	6
565	117	682	577·14	117·78	694·92	55·62	11·51	67·13	7·28	5·09	6·90	4·50	10·10	5·47	5·71	6·66	5·88	4·29	..	3·53	4	1	5	3	..	3
568	121	689	565·81	122·65	688·46	50·67	11·27	61·94	8·66	3·26	7·70	6·89	11·41	7·70	3·90	5·56	4·21	5·19	..	4·21	3	1	4	4	..	4

excluded from this statement.
feet per patient, 566 for males, 124 for females, 690 total.
females, 705 total.

No. II

at Tezpur, for the year 1940 and the provincial totals for two previous years

Certified and admitted into the Mental Hospital	Certified and released under Section 14, Act IV of 1912	Released as uncertifiable	Died	Remained on 31st December	Remarks
6	7	8	9	10	11
28	2	11	Nil	5	
25	...	8	...	4	
31	...	5	1	3	

No. III

Mental Hospital at Tezpur for the year 1940

5 Total M.	F.	T.	6 Discharged, transferred, etc. M.	F.	T.	7 Died M.	F.	T.	8 Remaining on 31st December M.	F.	T.	9 Daily average strength M.	F.	T.
270	26	296	20	2	22	11	1	12	239	23	262	243·55	22·69	266·24
262	27	289	11	1	12	6	2	8	245	24	269	239·99	20·49	260·48
256	25	281	19	2	21	6	1	7	231	22	253	219·25	22·49	241·47

exclude observation cases.

STATEMENT No. IV

Return showing the religion, sex and residence of patients admitted into the Mental Hospital at Tezpur during the year 1940 and the provincial totals for two previous years

1	2			3			4						5			6		
							Christians											
District	Hindus			Muhammadans			Europeans and Anglo Indians			Indians			Other castes			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Assam																		
Cachar	1	1	2	1	..	1	..	..	..	..	..	..	..	..	..	2	1	3
Darrang	7	1	8	2	1	3	..	..	..	..	..	..	..	..	..	9	2	11
Kamrup	6	1	7	..	..	..	..	..	..	..	..	..	..	..	..	6	1	7
Khasi and Jaintia Hills ..	1	..	1	..	..	..	..	..	..	1	..	1	..	1	1	2	1	3
Lakhimpur	5	..	5	2	..	2	..	..	..	..	..	..	..	..	..	7	..	7
Lushai Hills	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1
Naga Hills	..	..	..	..	..	..	..	..	..	..	1	1	3	..	3	3	1	4
Nowgong	4	..	4	..	..	..	..	..	..	..	..	..	..	..	..	4	..	4
Sibsagar	7	..	7	1	..	1	..	..	..	..	..	..	..	..	..	8	..	8
Sylhet	5	..	5	6	..	6	..	..	..	..	..	..	..	..	..	11	..	11
Total ..	36	3	39	12	1	13	..	..	..	1	1	2	3	2	5	52	7	59
Other provinces																		
Allahabad	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Bankura	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Bhagalpur	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Chapra	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Dacca	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Dumka	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Ganjam	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Joypur	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Karaput	1	1	2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2
Mymensingh	..	..	..	2	..	2	..	..	..	..	..	..	..	..	..	2	..	2
Nepal	7	..	7	..	..	..	..	..	..	..	..	..	..	..	..	7	..	7
Noakhali	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	..	1
Patna	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Puri	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2
Purulia	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Ranchi	3	2	5	..	..	..	..	..	..	..	..	..	..	..	..	3	2	5
Tipperah	..	..	..	2	..	2	..	..	..	..	..	..	..	..	..	2	..	2
Unknown	1	2	3	..	..	..	..	..	..	..	..	..	..	..	..	1	2	3
Total	23	6	29	5	..	5	..	..	..	..	..	..	..	..	..	28	6	34
Total for 1940 ..	59	9	68	17	1	18	..	..	..	1	1	2	3	2	5	80	13	93
Total for 1939 ..	55	12	67	12	3	15	..	..	..	..	..	..	3	..	3	70	15	85
Total for 1938 ..	62	11	73	7	3	10	..	..	..	4	2	6	4	2	6	77	18	95

The figures in the Statement exclude the observation

STATEMENT No. V

Return showing the ages of patients admitted into the Mental Hospital at Tezpur during the year 1940, and the provincial totals for the two previous years

1	2			3			4			5			6		
Name of Mental Hospital	Under 20			20 to 40			40 to 60			Upwards of 60			Total		
	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total
Mental Hospital, Tezpur, 1940 ..	5	1	6	67	10	77	7	2	9	1	..	1	80	13	93
Ditto 1939 ..	3	1	4	59	12	71	8	2	10	..	..	..	70	15	85
Ditto 1938 ..	5	1	6	65	15	80	7	2	9	..	..	..	77	18	95

The figures in the Statement exclude observation cases.

STATEMENT No. VI

Showing the form of mental order in the admissions, discharges, recoveries and deaths during the year ending 31st December 1940

1	2	3			4			5			6						7			8			9
Serial No.	—	Remaining on the 31st December of the preceding year			Admissions during the year			Total			Discharge						Deaths			Remaining on 31st December			Remarks
											Recoveries			Otherwise									
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M	F.	T.	M.	F.	T.	M.	F.	T.	
1	Mental deficiency	7	..	7	..	..	..	7	..	7	..	..	..	..	..	..	1	..	1	6	..	6	
2	Manic Depressive Insanity	106	32	138	19	7	26	125	39	164	20	2	22	..	..	..	5	3	8	100	34	134	
3	Mania	90	35	125	16	3	19	106	38	144	4	1	5	..	..	..	9	2	11	93	35	128	
4	Melancholia	86	10	96	6	..	6	92	10	102	3	..	3	..	..	..	4	..	4	85	10	95	
5	Schizophrenia including Dementia Praecox	188	33	221	38	5	43	226	38	264	22	2	24	..	..	..	6	1	7	198	35	233	
6	Secondary Dementia	..	1	1	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	1	
7	Paranoia and Paranoid State ..	9	..	9	..	..	..	9	..	9	..	..	..	..	..	..	..	..	..	9	..	9	
8	Epilepsy and Epileptic Insanity ..	31	2	33	2	..	2	33	2	35	..	..	..	..	..	..	1	..	1	32	2	34	
9	Toxic Psychosis :—																						
	(*a*) Acute confusional insanity ..	..	1	1	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	1	
	(*b*) Alcoholic Psychosis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(*c*) Canabis Indica Psychosis ..	48	1	49	3	..	3	51	1	52	2	..	2	..	..	..	5	..	5	44	1	45	
	(*d*) Of Endocrine Origin	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(*e*) In relation to child bearing ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(*f*) In relation to other constitutional diseases.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
10	Organic Psychosis :—																						
	(*a*) General	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(*b*) Cerebral Syphilis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(*c*) Arteriopathic and senile Psychosis	..	1	1	..	..	..	..	1	1	..	..	..	..	..	..	..	1	1	..	..	..	
	(*d*) Encephalitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	(*e*) Other cerebral lesions	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
11	Neurosis and Psycho Neurosis ..	..	1	1	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	1	
12	No appreciable disease	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
13	Not yet diagnosed (discharged before certification).	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Total	565	117	682	84	15	99	649	132	781	51	5	56	..	..	..	31	7	38	567	120	687	

NOTE.—Observation cases are excluded from this statement.

STATEMENT No. VII

Statement showing the probable cause of insanity in the patients admitted during the year ending 31st December 1940

—	Predisposing causes			Exciting causes			Total			Remarks
	M.	F.	T.	M.	F.	T.	M.	F.	T.	
1	2	3	4	5	6	7	8	9	10	11
Mental stress—										
Moral	..	..	..	..	..	..	..	..	..	In 20 cases there were both an exciting and predisposing cause thus accounting for a total of 113 against 93.
Business worry	..	..	..	..	..	..	..	..	..	
Domestic worry ..	3	..	3	3	..	3	6	..	6	
Stress of military service ..	..	..	..	..	..	..	..	..	..	
Toxins—										
Cannabis Indica	1	..	1	3	..	3	4	..	4	
Alcohol	..	..	..	..	..	..	..	..	..	
Other toxins ..	..	..	..	..	..	..	..	..	..	
Physical	..	..	..	..	..	..	..	..	..	
Opium	..	..	..	..	..	..	..	..	..	
Bodily Illness	..	..	..	..	..	..	..	..	..	
Pregnancy	..	..	..	..	..	..	..	..	..	
Childbirth	..	..	..	..	..	..	..	..	..	
Climateric	..	..	..	..	..	..	..	..	..	
Epilepsy	2	..	2	2	..	2	4	..	4	
Head Injuries	..	..	..	..	..	..	..	..	..	
Infections—										
Encephalitis Lethargica ..	..	..	..	..	..	..	..	..	..	
Influenza	..	..	..	..	..	..	..	..	..	
Syphilis	..	..	..	..	..	..	..	..	..	
Other infections ..	3	..	3	3	..	3	6	..	6	
Old age	..	..	..	..	..	..	..	..	..	
Hereditary predisposition ..	11	..	11	11	..	11	22	..	22	
Previous attacks	..	..	..	..	..	..	..	..	..	
Unascertained	..	..	..	58	13	71	58	13	71	
Total ..	20	..	20	80	13	93	100	13	113	

The figures in the statement exclude observation cases

STATEMENT No. VIII

Showing the Cash Account of the Mental Hospital at Tezpur for the year 1940

Name of Mental Hospital	Receipts						Charges				
	Received from Treasury	Received from paying patients	Value of stores received from the Manufacturing Department, less cost of raw materials	Book receipts, i.e., the total of expenditure entered in columns 19, 20 and 21	Miscellaneous receipts	Total	Establishment		Diet	Clothing and bedding	Bazar medicines
							Establishment proper*	Superintendence			
1	2	3	4	5	6	7	8	9	10	11	12
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
TEZPUR MENTAL HOSPITAL, 1940 ..	(a) 1,19,472 12 3	(b) 1,321 11 0	5,286 14 0	28,521 2 3	336 13 0	1,54,939 4 6	46,363 14 0	6,332 14 0	53,588 0 9	6,250 1 0	18 7 0
Ditto 1939 ..	1,11,650 11 3	942 5 0	5,162 0 0	8,652 11 9	225 11 0	1,26,633 7 0	44,994 1 0	6,900 0 0	49,152 0 6	5,297 7 6	186 10 6
Ditto 1938 .	1,,12,192 5 0	647 9 0	6,019 7 0	10,4·3 2 6	341 13 9	1,29,634 5 3	45,497 14 0	10,297 13 0	47,311 14 3	5,229 8 6	115 3 3

Name of Mental Hospital	Charges—*concld.*									
	Contingencies			Remitted to Treasury on account of paying patients, etc., and Miscellaneous receipt (3 — 6)	Miscellaneous items	Total of columns 8—17	Book Charges			Total of columns 18—21
	Contingencies proper	Repairs and maintenance	Rates and taxes				Charges on account of works done by the Public Works Department	Cost of printed forms and stationery	Cost of English stores, medicines, etc.	
1	13	14	15	16	17	18	19	20	21	22
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.a.p.	Rs. a. p.	Rs. a. p.
TEZPUR MENTAL HOSPITAL, 1940 ..	5,097 3 6	86 14 0	3,073 12 0	1,658 8 0	3,948 8 0	1,26,418 2 3	26,219 0 0	(c) 79 9 6	(d) 2,222 8 9	1,54,939 4 6
Ditto 1939 ..	5,388 9 9	109 0 0	3,096 0 0	1,168 0 0	1,688 14 0	1,17,980 11 3	6,197 0 0	81 6 9	2,374 5 0	1,26,633 7 0
Ditto 1938 ..	4,913 8 0	310 10 0	3,056 11 0	989 6 9	1,478 10 0	1,19,201 2 9	7,273 0 0	45 3 6	3,114 15 0	1,29,634 5 3

Note.—The value of stores must be entered at market rates.

N.B.—Charges for observation cases are included in this statement.

* This includes the sum of Rs.4,266-3-0 being the pay of menials drawn in contingent bills.

(*a*) Includes amount of jail and other departmental bill adjusted by "Book Transfer" excluding those only shewn against Note (*c*) and (*d*) below.

(*b*) (*i*) This year there has been no Contribution from the Manipur State Durbar.

(*ii*) Exclusive of the amount of Rs.377-5-3 for "Credit" to the Government of Assam by the Governments of the Non-Reciprocating Provinces being the cost of maintenance of the non-criminal, non-native and non-domiciled mental patients who were transferred, and discharged, during the year 1940.

(*iii*) Exclusive of Rs. 1,600 on account of Khasi State Patients :

(*c*) Cost of "Printed Forms" not known to this office, Rupees 20-8-6 is included in the amount drawn under—"Country stationery" of contract contingency, Rs.59-1-0 being the value of stationery received in November from the Central Stationery Office, Calcutta.

(*d*) Shows the amount drawn for English stores under the Budget head—"Supplies and Services—voted, Value of Medical Stores'," *viz.*, the amount of "Book Adjustment" with Government Medical Store Department and others, as well as the cost of cash purchase for Local Medical Stores, such as medicines, Phenol, bleaching powder and crude kerosine oil, etc.

A. G .P. (I.G.C.H.) No. 64—96+2—12-9-1941.